



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 1508:1999

ICS 13.060.20

**WATER SUPPLY - REQUIREMENTS FOR  
SYSTEMS AND COMPONENTS FOR THE  
STORAGE OF WATER**

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Descriptors: water distribution, water supply, storage, storage tanks, exterior, buildings, specifications, design, leaktightness, inspection, tests, safety, operating requirements, repairs

English version

## Water supply - Requirements for systems and components for the storage of water

Alimentation en eau - Prescriptions pour les systèmes et les composants pour le stockage de l'eau

Wasserversorgung - Anforderungen an Systeme und Bestandteile der Wasserspeicherung

This European Standard was approved by CEN on 24 July 1998.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPAISCHES KOMITEE FÜR NORMUNG

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## Foreword

This European Standard has been prepared by Technical Committee CEN/TC 164 "Water supply", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 1999, and conflicting national standards shall be withdrawn at the latest by March 1999.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

## Introduction

In specifying the requirements of this standard, due regard has been taken of the importance of a reliable and safe supply of water for human consumption as well as for the purpose of trade, industry, agriculture and fire fighting.

The widely varying water supply legislative requirements, populations, social and climatic conditions across Europe have also been taken into account.

## 1 Scope

This standard specifies and gives guidance on :

- general requirements for storage of water outside consumers' buildings, including service reservoirs for potable water and reservoirs containing water not for human consumption at intake works or within treatment works, excluding those that are part of the treatment process ;
- design ;
- general requirements for product standards ;
- requirements for checks, testing and commissioning ;
- operational requirements ;
- requirements for rehabilitation and repair.

The requirements of this standard are applicable to :

- the design and construction of new reservoirs ;
- the extension and modification of existing reservoirs ;
- significant rehabilitation of existing reservoirs.

NOTE 1: It is not intended that existing reservoirs are to be altered to comply with this standard, provided that there are no significant detrimental effects on water quality.

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